

DIELECTRIC CERAMIC AND CERAMIC ELECTRONIC COMPONENTABSTRACT OF THE DISCLOSURE

A dielectric ceramic contains a primary constituent represented by general formula (1): $a[(\text{Sr}_b\text{Ca}_{1-b})\text{TiO}_3]-(1-a)[\text{Bi}_2\text{O}_3 \cdot n\text{TiO}_2]$ (wherein a and b indicate molar amounts, and n indicates a molar ratio of TiO_2 to Bi_2O_3), and a secondary constituent represented by general formula (2): $x\text{MgTiO}_3 + y\text{MnO}_m + z\text{Ln}_2\text{O}_3$ (wherein x, y, and z indicate weight per 100 parts by weight of the primary constituent, m is 1 to 2, and Ln is at least one of La, Ce, Pr, Nd, Sm, Eu, Gd, Dy, Ho, and Er), wherein a, b, n, x, y, and z satisfy the expressions $0.88 \leq a \leq 0.92$, $0.30 \leq b \leq 0.50$, $1.8 \leq n \leq 3.0$, $1.0 \leq x \leq 3.0$, $0.1 \leq y \leq 2.0$, and $0 < z \leq 3.0$. A ceramic electronic component including the dielectric ceramic is also disclosed.